## REMARKS/ARGUMENTS

Reconsideration and withdrawal of the rejections of the application are respectfully requested in view of the remarks herewith.

### I.    STATUS OF THE CLAIMS AND FORMAL MATTERS

Claims 1-15 are pending in this application. Claims 1, 5, 6, 9, 10, and 15 are independent. It is submitted that these claims, as originally presented, were in full compliance with the requirements 35 U.S.C. §112.

### II.    REJECTIONS UNDER 35 U.S.C. §103(a)

Claims 1-15 were rejected under 35 U.S.C. §103(a) as allegedly unpatentable over U.S. Patent No. 6,226,743 to Naor in view of Cryptography and Newtwork Security, section 11.2 "X.509 Authentication Service" to Stallings (hereinafter, merely "Stallings").

Claim 1 recites *inter alia*:

> "...first detecting means for detecting a change of said
> layer structure of said directory which is managed by said
> managing means and obtaining first differential information
> constructed by a difference of the change of the layer
> structure of said directory;
>
> second detecting means for detecting a change of said end
> entity information of said leaf entry which is managed by
> said managing means and obtaining second differential
> information constructed by a difference of the change of
> end entity information of said leaf entry; and
>
> broadcasting means for broadcasting said first differential
> information detected by said first detecting means and said
> second differential information detected by said second
> detecting means..." (emphasis added)

00345375

As understood by Applicants, U.S. Patent No. 6,226,743 to Naor (hereinafter, merely "Naor") relates to a memory containing an authenticated search tree that serves for authenticating membership or non-membership of items in a set. The authenticated search tree

As understood by Applicants, Stalling relates to authentication functions that support application level authentication and digital signatures.

The Office Action argues that Noar teaches a broadcasting means for broadcasting said first differential information detected by said first detecting means and said second differential information detected by said second detecting means, at column 9, lines 18 and 19. However, Applicants note that column 9, lines 18 and 19 of Noar recites, "[r]esponse to CA's update: The directory updates the tree according to the modified parameters received from the CA." Applicants respectfully submit that this does not show that a transmitting apparatus broadcasts information.

Applicants submit that column 9, lines 1-6 of Naor and Figure 3 discloses that a directory is one or more non-trusted parties that get updated certificate revocation information from the CA and serve as a certificate database accessible by the users and that a user is a non-trusted party that receieves its certificate from the CA and issues querries for certificate information.

Applicants respectfully submit that nothing has been found in Naor or Stallings, taken alone or in combination, that would teach or suggest the above identified features of claim 1. Specifically, Applicants submit that Naor and Stallings fail to teach or suggest a first detecting means for detecting a change of said layer structure of said directory which is managed by said managing means and obtaining first differential information constructed by a difference of the change of the layer structure of said directory, a second detecting means for detecting a

change of said end entity information of said leaf entry which is managed by said managing

means and obtaining second differential information constructed by a difference of the change of

end entity information of said leaf entry, and a broadcasting means for broadcasting said first

differential information detected by said first detecting means and said second differential

information detected by said second detecting means, as recited in claim 1.

Therefore, independent claim 1 is believed to be patentable.

For reasons similar to or somewhat similar to those described above with regard

to claim 1, independent claims 5, 6, 9, 10, and 15 are believed to be patentable.

## IV.    DEPENDENT CLAIMS

The other claims in this application are each dependent from one of the

independent claims discussed above and are therefore believed patentable for at least the same

reasons. Since each dependent claim is also deemed to define an additional aspect of the

invention, however, the individual reconsideration of the patentability of each on its own merits

is respectfully requested.

## CONCLUSION

In the event the Examiner disagrees with any of statements appearing above with

respect to the disclosure in the cited reference, or references, it is respectfully requested that the

Examiner specifically indicate the portion, or portions, of the reference, or references, providing

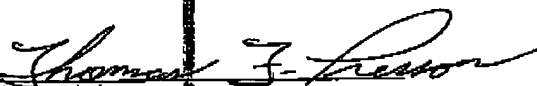the basis for a contrary view.

U.S. Appln. No. 09/839,872
Reply to Office Action dated January 11, 2006

PATENT
450100-03167

In view of the foregoing amendments and remarks, it is believed that all of the claims in this application are patentable and Applicants respectfully request early passage to issue of the present application.

Please charge any additional fees that may be needed, and credit any overpayment, to our Deposit Account No. 50-0320.

Respectfully submitted,
FROMMER LAWRENCE & HAUG LLP
Attorneys for Applicants

By _____
Thomas F. Presson
Reg. No. 41,442
(212) 588-0800

Page 15 of 15

00345375